

AMENDMENTS TO CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 -13 (canceled)

Claim 14 (Currently amended) Method of modifying the bending resistance of an ~~producing a bending-resistant,~~ elongated body comprising:

determining the desired bending resistance of said elongated body;

Providing an elongated blank having at least three cavities extending essentially along the entire length of the blank, said at least three cavities having a longitudinal axis, said at least three cavities being enclosed in said blank but for first and second spaced openings at opposite ends of said longitudinal axis, the inner surface of one of said at least three cavities is at a distance from the mass center of the blank seen in a section at right angles to its longitudinal axis and is arranged concentrically around said mass center, the blank being formed from a metallic material; locating the remainder of said at least three cavities in said elongated blank so as to achieve said desired bending resistance upon inserting fiber composite bodies formed from a plurality of fibers in a non-metallic material into at least one of said first and second openings of the at least three cavities; and affixing in the cavities the fiber composite bodies with an outer surface essentially congruent with the inner surface of said at least three cavities, wherein a majority of fibers in the fiber composite bodies both extend essentially parallel to the longitudinal axis

of the elongated blank and are elongated along the whole of its length.

Claim 15 (Previously presented) Method according to claim 14, wherein the step of affixing comprises gluing the fiber composite bodies into the at least three cavities.

Claim 16 (Previously presented) Method according to claim 14, wherein the step of affixing comprises shrinking the at least three cavities to the fiber composite bodies.

Claim 17 (Previously presented) Method according to claim 15, wherein that epoxy-, acrylic-, polyurethane- or phenolic-resin-based adhesive is used for gluing.

Claim 18 (Previously presented) Method according to claim 14, wherein carbon fiber in an epoxide matrix, is used as the fiber composite body.

Claim 19 (Previously presented) Method according to claim 16, wherein the step of producing the blank produces a blank that is a shaft with a number of longitudinal cavities, which are arranged with equal pitch, symmetrically around the mass center of the blank seen in a section at right angles to its longitudinal axis.

Claim 20 (cancelled)

Claim 21 (cancelled)

Claim 22 (cancelled)

Claim 23 (cancelled)

Claim 24 (cancelled)

Claim 25 (cancelled)

Claim 26 (cancelled)

Claim 27 (Currently amended) A method for modifying the bending resistance of an ~~producing a bend-resistant~~, elongated body, the method comprising:

determining the desired bending resistance of said elongated body;

forming an elongated blank having at least three cavities extending essentially along the entire length of the blank, said at least three cavities having a longitudinal axis, said at least three cavities being enclosed in said blank but for first and second spaced openings at opposite ends of said longitudinal axis, the inner surface of one of said at least three cavities being at a distance from the mass center of the blank seen in a section at right angles to its longitudinal axis and arranged concentrically around said mass center, the blank being formed from a metallic material, locating the remainder of said at least three cavities in said blank so as to achieve said desired bending resistance;

forming fiber composite bodies from fibers extending essentially parallel to the longitudinal axis of the fiber composite body and extending essentially along the length of the fiber composite body by inserting said fiber composite bodies into at least one of said first and second openings, the fibers embodied in a matrix; and

affixing an outer surface of the fiber composite bodies to the inner surface of the cavities of the elongated blank.

Claim 28 (Previously presented) The method of claim 14 wherein the outer surface of the fiber composite bodies are affixed to the inner surface of the cavities by gluing.

Claim 29 (Previously presented) The method of claim 14, wherein said fiber composite body is tubular having a central bore devoid of fibers.

Claim 30 (cancelled)

Claim 31 (cancelled)

Claim 32 (Previously presented) Method according to claim 16, wherein the step of producing the blank produces a blank that is a beam with a number of longitudinal cavities, which are arranged asymmetrically around the mass center of the blank seen in a section at right angles to its longitudinal axis, so as to produce varying bending resistance in different directions of applied force.

Claim 33 (cancelled)

Claim 34 (cancelled)

Claim 35 (cancelled)